

WHAT IS CLAIMED IS:

1. A disk chucking device for an optical disk drive, the disk chucking device comprising:  
5 a turn table that is rotated by a spindle motor;  
and  
a chucking pulley that has a pressure contacting surface on one side of the chucking pulley, the pressure contacting surface forcing an optical disk to  
10 come into pressure contact with and attaching the optical disk to a reference surface of the turn table, wherein the chucking pulley has at least one wall that is provided on the other side of the chucking pulley and is arranged along a circumferential  
15 periphery of the chucking pulley.
2. The disk chucking device as claimed in claim 1,  
wherein the chucking pulley has a plurality of  
20 walls and the plurality of the walls are concentrically located and are radially separated from each other by a certain space.
3. The disk chucking device claimed in claim 1,  
25 wherein the chucking pulley has a resonance frequency that is higher than that of the optical disk.
4. The disk chucking device claimed in claim 1,  
wherein the chucking pulley has a profile that is  
30 higher at a center portion thereof than other portions on the other side where the wall is located.
5. The disk chucking device claimed in claim 1,  
wherein the pressure contacting surface of the  
35 chucking pulley is formed to have a diameter greater than that of the reference surface of the turn table.

6. The disk chucking device claimed in claim 1,  
wherein the pressure contacting surface of the  
chucking pulley is formed to have a diameter equal to  
that of the optical disk.

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7. A disk chucking device for an optical disk  
drive, the disk chucking device comprising:

a turn table that is rotated by a spindle motor;  
and

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a chucking pulley that has a pressure contacting  
surface on one side of the chucking pulley, the  
pressure contacting surface forcing an optical disk to  
come into pressure contact with a reference surface of  
the turn table,

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the chucking pulley comprising means for  
preventing acceleration of airflow caused by  
centrifugal force due to rotation of the optical disk.

8. An optical disk drive including a disk  
chucking device comprising:

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a turn table that is rotated by a spindle motor;  
and

a chucking pulley that has a pressure contacting  
surface on one side of the chucking pulley, the  
pressure contacting surface forcing an optical disk to

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come into pressure contact with and attaching the  
optical disk to a reference surface of the turn table,

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wherein the chucking pulley has at least one wall  
that is provided on the other side of the chucking  
pulley and is arranged along a circumferential  
periphery of the chucking pulley.